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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
with Initial  
Filing

OR



Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

NP-0010

First Named Inventor

Shibin JIANG

**COMPLETE IF KNOWN**

Application Number

/

Filing Date

September 26, 2001

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF FUSION SPLICING SILICA FIBER WITH LOW-TEMPERATURE  
MULTI-COMPONENT GLASS FIBER**

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☒ Customer Number or Bar Code Label ☐ OR ☐ Correspondence address below

Name Eric A. GIFFORD  
NP Photonics, Inc.

Address 9030 South Rita Road, Suite 120

City Tucson

State AZ

ZIP 85747

Country USA

Telephone (520) 799-7465

Fax (520) 799-7403

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Shibin

Family Name  
or Surname JIANG

Inventor's  
Signature

Date

Residence: City Tucson

State AZ

Country USA

Citizenship USA

Mailing Address 7767 East Windriver Drive

City Tucson

State AZ

ZIP 85750

Country USA

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Jiafu

Family Name  
or Surname WANG

Inventor's  
Signature

Date

Residence: City Tucson

State AZ

Country USA

Citizenship Peoples  
Republic of  
China

Mailing Address 3450 Camino Rio Colorado

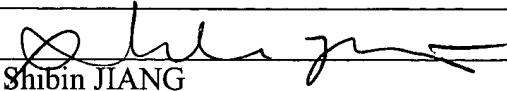
City Tucson

State AZ

ZIP 85712

Country USA

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

 Shibin JIANG	<u>Sep. 26, 2001</u> Date
---	------------------------------

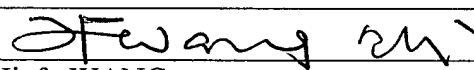
State of Arizona     )  
                                  ) ss.  
County of Pima        )

I, Dawn Ebertowski, a Notary Public in and for the County and State aforesaid, do hereby certify that **Shibin JIANG**, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged under oath that he signed, sealed and delivered the instrument as his free and voluntary act and deed for the uses and purposes set forth.

Given under my hand and notarial seal this 26 day of September, 2001.



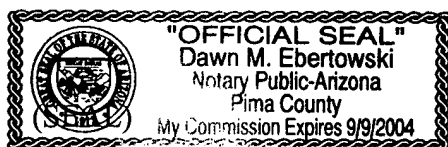
  
Dawn M. Ebertowski

 Jiafu WANG	<u>Sept. 26, 2001</u> Date
---	-------------------------------

State of Arizona     )  
                                  ) ss.  
County of Pima        )

I, Dawn Ebertowski, a Notary Public in and for the County and State aforesaid, do hereby certify that **Jiafu WANG**, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged under oath that he signed, sealed and delivered the instrument as his free and voluntary act and deed for the uses and purposes set forth.

Given under my hand and notarial seal this 26 day of September, 2001.



  
Dawn M. Ebertowski

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	September 26, 2001
First Named Inventor	Shibin JIANG
Title	METHOD OF FUSION.....*
Group Art Unit	
Examiner Name	
Attorney Docket Number	NP-0010

I hereby appoint:

☐ Practitioners at Customer Number

OR

☒ Practitioner(s) named below:

Name	Registration Number
Eric A. GIFFORD	33,501

Place Customer  
Number Bar Code  
Label here

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number

OR

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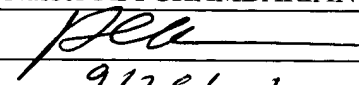
<input checked="" type="checkbox"/> Firm or Individual Name	Eric A. GIFFORD				
Address	NP Photonics, Inc.				
Address	9030 South Rita Road, Suite 120				
City	Tucson	State	AZ	Zip	85747
Country	USA				
Telephone	(520) 799-7465	Fax	(520) 799-7403		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name	Nasser PEYGHAMBARIAN
Signature	
Date	9/26/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

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\*SPlicing SILICA FIBER WITH LOW-TEMPERATURE MULTI-COMPONENT GLASS FIBER

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Shibin JIANG et al.Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: September 26, 2001Entitled: METHOD OF FUSION SPLICING SILICA FIBER WITH LOW-TEMPERATURE MULTI-COMPONENT GLASS FIBERNP Photonics, Inc., a corporation of Delaware

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

01/26/01

Date

Nasser PEYGHAMBARIAN

Typed or printed name



Signature

CEO

Title